From owner-qrp-l@netcom.com Wed Feb 1 11:27:59 1995
Message-Id: <9502011545.AA05857@garnet.inel.gov>
Date: Wed, 01 Feb 1995 08:46:23 -0700
From: LVE1@inel.gov (Larry East)
Subject: Re: 100 Khz Calibrator

In answer to a note from Rob, WA3ULH:

>Larry-
>
>I saw your posting and am curious why you made component substitutions from
>the original ARRL design? Was it because you had problems implementing the
>ARRL design, or simply a matter of convenience relating to parts available
>from your junk box?
>
Actually, I made it exactly as shown in my 1987 handbook... except that I used an LT412 rather than LT353 dual op-amp. (Must have a different circuit in later editions...) However, while experimenting last night, I found that increasing the size of the resistor in series with the xtal from 47K to 150K resulting in quicker oscillation start when power was applied. With 47K, the darn thing would sit there for several seconds before starting to oscillate.

>I'm waiting for the FAR Circuit board, but was planning to build the unit
>with the 7400 quad nand gate, two 1K resistors, a .01 microfarad cap, and a
>5-70 pf variable cap running at 5 volts per the original design.
>
I Tried using a TTL gate years ago to make a 100 kHz xtal (the big expensive type) oscillate and didn't have any success. I have come concern about overdriving these little xtals with such a circuit.

>My package of five crystals from Digikey arrived. Boy are they small. You
>practically need a magnifying glass to see these dudes. For guys who have
>not seen them, they are about the size of a grain of rice.
>
Amazing, isn't it, how consumer items made by the zillions can push down manufacturing costs? However, I always thought that watches used 32.??? kHz xtals; I wonder what the other frequency ones are used for? Maybe they are used
for timing in other consumer devices.

Someone want to try making a filter out of these things? They are available in frequencies in the 4 - 9 MHz range.

>73,
>
>
>-Rob, WA3ULH
>

>

   "Any opinions expressed herein are my own and probably do
    not agree with those of my employer, the U.S. Government
                        or my spouse"
                        --...   ...--
                    Larry V. East (W1HUE)
                       Idaho Falls, ID
                    e-mail: LVE1@inel.gov
                Packet: W1HUE@WT7B.ID.USA.NOAM
          work: (208) 533-4005   home: (208) 529-2162

From owner-qrp-l@netcom.com Thu Feb 2 01:05:50 1995
From: RobCap@aol.com
Date: Wed, 1 Feb 1995 09:48:18 -0500
Message-Id: <950201094718_10046999@aol.com>
Subject: 100 Khz Calibrator

Larry-

I saw your posting and am curious why you made component substitutions from the original ARRL design? Was it because you had problems implementing the ARRL design, or simply a matter of convenience relating to parts available from your junk box?

I'm waiting for the FAR Circuit board, but was planning to build the unit with the 7400 quad nand gate, two 1K resistors, a .01 microfarad cap, and a 5-70 pf variable cap running at 5 volts per the original design.

What do you think? Should this work, or did you have a strong reason for making substitutions? Did you try the original values without success?

My package of five crystals from Digikey arrived. Boy are they small. You practically need a magnifying glass to see these dudes. For guys who have not seen them, they are about the size of a grain of rice.

73,

-Rob, WA3ULH

From owner-qrp-l@netcom.com Wed Feb 1 20:16:53 1995
Message-Id: <9502011635.AA45225@logullo.apple.com>
Date: Wed, 1 Feb 1995 16:35:45 -0600
From: "Jeff Logullo" <logullo@apple.com>
Subject: Re: Another one down the dumper!

Ditto. I built a Backpacker II last year, and it was great to talk to Bill on the phone, exchange faxes, etc. as he helped me out.

As I remembered him telling the tale, he had a good number of QRP-freq crystals that he sold at a LOSS(!) to a club to help them out... as they designed a kit that they then sold, which of course impacted his business. I think he felt kind of blind-sided by the whole thing. Ironic and sad.

So now if you want a quality kit WITH A GREAT-LOOKING CABINET, KNOBS, etc. that make for a fine-looking finished product, there's one less provider out there. I'm all for the club kits but it's sad to see the individual entrepeneur take the hit.

> Also sorry to hear about Townsend. I know Bill Hickock of
> Tejas personally (he lives here in Houston) so I knew of his retreat
> from ham products. It seemed that a couple of points were appropriate..
>
> First, I can appreciate the kitter's dilema. You work to get a
> good design.
> You go out and design boards and work to get parts complement and
> pricing down so that you can keep it reasonable. You price it so you
> can pay for all the costs that go into making a business and still make
> a profit. Then you see 4 new designs in the next magazine that
> outdate yours. Two of them are priced at half of yours because they
> are co-ops from a club and the club is doing it as a service for
> the members, not to make any money. And you have boards for 50 or 100
> of your design laying around. Its a bit frustrating.

From owner-qrp-l@netcom.com Thu Feb 2 00:49:01 1995
Message-Id: <199501312342.RAA04405@ns1.arlut.utexas.edu>
Date: 31 Jan 1995 17:41:57 U
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>
Subject: ARRL and QRP

Awhile back several of us lamented the listing of a popular QRP frequency for RTTY calling in Jan. QST.

It behooves special interest groups to make their voices heard with national ham organizations. If you write or call in as a member, or have lists of officials as a member, perhaps your voice will be a little louder when you ask for QRP consideration, etc.

And along those membership lines, I got an ARRL bulletin on their winter Board meeting down the road from me in San Antonio. Among some worthy things about RFI and looking into restrictions on hams in zoning; they also listed they are raising their dues effective April 1. So if you want your voice to be heard more economically, join or renew with ARRL before April 1.

From owner-qrp-l@netcom.com Wed Feb 1 19:05:13 1995
Date: Wed, 1 Feb 1995 14:10:26 -0800 (PST)
From: Steven Wilson <randyw@crl.com>
Subject: Class D & E amplifiers
Message-Id: <Pine.SUN.3.91.950201140617.14926A-100000@crl6.crl.com>

Has anyone on the list ever built a Class D or E amplifier ?

I am interested in designing and building a Class D possible with
IRF510 transistors for a 100% efficiency portable QRP transmitter.

Looking for inputs as to any problems and/or solutions anyone has
had with the Class D, i.e. was it difficult to tune, harmonics, etc.

de stan AK0B

e-mail via randyw@crl.com

From owner-qrp-l@netcom.com Wed Feb 1 22:42:31 1995
Message-Id: <199502020123.TAA28524@ns1.arlut.utexas.edu>
Date: 1 Feb 1995 19:22:11 U
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>
Subject: Class D amplifiers

Steven Wilson queried about use of class D and E for QRP seeking 100%
efficiency for a portable.

Alas, there is no free lunch.

Class D amplifiers are used in high power audio where you can completely turn
off the wave form for getting high peak powers. It is also known as a
switching amplifier, for that is effectively what it does to what you are
handling as information.
Now, as a consequence of the square wave action of switching on and off, there
are many harmonics generated by the sharp turnon and off, so the first thing
any such circuit would need is much better harmonic filters than our less
square wave duty cycles like class C. For those that have forgotten, the
classes start at A with as linear amplification as you can get,(the amplifier
draws current all the time). As you go to class B, and later in the alphabet,
the idea is to turn off the amplifier for part of the cycle, thus causing less
heating. It is a way to get more output from your hardware, which is not
exactly what we do in QRP. I guess it would be a direction to go to maximize
battery resources, and it would be interesting to find out if anyone knows of
applications above ultra sonics. I think some Sonar high power amplifiers have
tried Class D, but they are typically 1 M Hz or much less, even 100 k Hz and
below.   Can anybody tell us more about these switching amplifiers?

72,
Stuart
K5KVH

From owner-qrp-l@netcom.com Thu Feb 2 00:38:46 1995
Subject: CW Fox Hunt LAst Night:
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.9244.500@acenet.com>
Date: Wed, 01 Feb 1995 06:50:00 -0500

>From: brian.carling@acenet.com

SUBJECT:CW Fox Hunt LAst Night: Grrrrrr...

DJ>Well, I missed him again. It's habit-forming, I guess. Here's who I
DJ>*did* hear:

DJ>2:01 - 2:09 7.109   WD2SXN   Bing   Potsdam, NY   449/449
DJ>2:10 - 2:15 7.110   VE3VAW   Brien Toronto, Ont.   559/449
DJ>2:20 - 2:28 7.110   AF4K   Brian Gaithersburg, MD   549/559
DJ>2:38 - 2:49 7.110   NU8N   Jim   Detroit, MI   559/529
DJ>   (heard Jim throughout that time period, calling, calling)

DJ>Switched to 7.04 at stroke of 3:00. Much QRN and QRM.

DJ>3:05   7.040   NU8N   Jim - valiantly calling, calling
DJ>3:08   7.0388 N8VAR   calling
DJ>3:24   7.0415 NU8N   calling some more - did he ever connect?
DJ>3:30   7.040   AB4EL   Steve Raleigh, NC   529/449
DJ>3:31   7.0405 KC5EQC   Don   Broken Arrow, OK   579/569

DJ>My cursory review of the Fox's results don't show any of the above on
DJ>his list. Are we all snake-bit? We've got to quit talking to each
DJ>other and do more judicious listening, I guess.

Problem is that he is too far out west perhaps?
WHere IS KI0G located anyway? I saw his list & it looked like
he only worked stations west of the Mississippi to me!
No wonder I couldn't hear him! Now I can't hear N8VAR again tonight.
Can't hear anyone working him either!
72 de AF4K in Maryland
brian.carling@acenet.com

 ~ SLMR 2.1a ~ What do you mean? You actually READ these taglines?!?

From owner-qrp-l@netcom.com Thu Feb 2 00:45:47 1995
Date: Wed, 1 Feb 1995 00:23:51 -0500 (EST)

From: Stephen Modena <modena@calypso-2.oit.unc.edu>
Subject: Re: daily.qrp
Message-Id: <Pine.SOL.3.91.950201001828.23202A@calypso-2.oit.unc.edu>

"daily.qrp" is not the name of the file...the file is named "DAILY.QRP"
which matters under Unix. :^)

I've advertised that DAILY.QRP and DAILY.BA can be retrieved by
anonymous ftp thusly:

    ftp.Cybernetics.NET
    /pub/users/ab4el

There ought to be *no* problem getting into that ftp server. An
alternative route of contact is: http://www.theporch.com/~shimshon
if you do Web browsing.

LEt me know how it works out.
--de Steve AB4EL

On Tue, 31 Jan 1995, John Fleming wrote:

> Help!
> I'm not allowed to subscribe to the list anymore,
> and whenever I try to get into the sunsite.unc.edu
> ftp, I'm always locked out. Says it can't find the
> remote directory. It only works about one or
> two times a week. I can't go that long without
> my QRP fix! Does anyone have a digest form
> in a mailing list, so that THAT could be auto
> matically mailed to me each day?
>
> I'm just trying to keep active, without being on
> the list!
>
> Thanks.
>
> John N9NDH
>
>
>

From owner-qrp-l@netcom.com Wed Feb 1 19:34:58 1995
Message-Id: <199502012218.QAA24824@ns1.arlut.utexas.edu>
Date: 1 Feb 1995 16:17:54 U
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>
Subject: Feeding a folded dipole w/o Balun

Awhile back Dan raised the question of using folded dipole antenna as a sloper.

In the course of discussion, some information was found in an ARRL handbook showing that using part of the 300 ohm twinlead feedline as a coupling stub for the band of interest, and adding a silver mica capacitor across that junction with the rest of the feed line allowed the bottom end of the stub to couple to a 50 ohm balanced connection such as a one to one balun, or for the adventuresome, one could wind a link coupling coil of a couple of turns of insulated wire over the end of the output coil of a QRP rig. There was even a comment that keeping the balance might not be critical, and direct connection to the 50 ohm single ended rig output could be tried.

The same handbook that several of us saw, (the 1988 ARRL Handbook), had on the drawing of this antenna two mysterious "shorting bars" placed before the ends of the twin lead forming the flat top potion of the antenna, (the folded dipole itself).

The more I have thought about this use of the folded dipole, the more I have wanted to try it for portable operation, as it might be easier to roll up twin lead for traveling, or backpacking than a wire dipole with coax. BUT there was no explanation of the shorting bars in the '88 Handbook, and this bothered me, and I thought I had seen something in passing on this antenna elsewhere.

Now I have several editions of the ARRL Antenna Book, so I started combing those, and found the complete article in I believe the 15th edition. Here is the scoop:

The length of a dipole in free space is reduced when a wire dipole is used to 468 divided by the frequency in M Hz, at the band segment of interest; (like the middle of your favorite band). This is the dimension the overall twinlead folded dipole was cut for. Then the article went on, since we know that the velocity factor of twin lead is 80% (0.80)[for Belden 8225 or similar twin lead], the folded dipole should, for a better match to the twin lead feedline, be a length of 492 divided by the same frequency as before, times the velocity factor of the twin lead, in length. To have the dipole longer to satisfy the 468 formula and launch the wave into space; and to have the dipole of twin lead optimally match the feedline twinlead by being of the length of the 492 X V.F. formula, they added the shorting bars on each end of the dipole, to make the distance between them across the center span, the 492 X V.F. length. It sounds complicated even to me, but if you look at their drawing in the ARRL Antenna Book, it shows the two lengths dimensioned with the two formulas.

Note, this added feature was done because of the addition to the feedline of the quarter wave stub section, tuned by the silver mica capacitor. If the folded dipole is going to your tuner balun or Z match tuner anyway, this extra mechanical complexity could be dispensed with.

Dan, I would put up the half wave of twin lead, as we discussed, cut to the 468 over M Hz formula, and if you get the time, some day try shorting the ends like we saw in the Handbook, and see if it lowers the SWR or improves the bandwidth of the antenna, that is, the range of frequencies that have 2:1 SWR. Antennas are so much fun! We always have some new experiment to do with them. I am not sure if you said you had a tuner with balun, or just a balun to use.

Somehow, in the '88 Handbook, the same article was placed with part of the figures missing and half of the text! And, there is a third of a blank page below it! Perhaps the printer misplaced the rest of the explanation. That is why I own antenna books form various authors; sometimes what is said in one may discourage you or mislead you at best. Look at what the QRP Foxes have been working, with low antennas that should be Near Vertical Incidence in wave launching; and they are getting good distances in the sky wave ranges, instead of only getting into the zone between Ground Wave range and the end of the Skip Zone.

Hope the WX improves so you can try the sloper! 72+1, Stuart, K5KVH

From owner-qrp-l@netcom.com Thu Feb 2 00:05:51 1995
Date: Wed, 1 Feb 1995 13:59:35 -0700 (MST)
From: Robert Cutter <bcutter@csn.org>
Subject: FOX Hunt
Message-Id: <Pine.3.89.9502011339.A25853-0100000@teal.csn.org>

Let me explain my system of operating as the fox and perhaps that will help some. Keep in mind that my time is up for this year so this is theory.

I am calling "CQ Fox" when I do not hear any one and tune the passband of my receiver so you see it is unlikely I will hear you calling blind if you cannot hear me. I have assumed we are like a regular fox hunt, you find me. I just agree to tell you where I will be and when.

A fun exercise and I hope we do it again this fall/winter.

72, Bob KI0G

From owner-qrp-l@netcom.com Wed Feb 1 20:09:47 1995
Message-Id: <9502012334.AA01509@Comtech.COM>
Date: Wed, 01 Feb 1995 15:46:47 PST
From: gap@Comtech.COM (Greg Prior)
Subject: ICOM HT accessories wanted

OK - I know this isn't EXACTLY the right forum for this post, but it's the closest I've got. Usenet has been down for weeks and we are lucky to have email.

WANTED for IC-W2A:

Wall charger (does BC-77 sound right?)
AA battery pack (BP-90)
Service manual

If you know of any of these used, or a discount mail-order store
where I can pick them up cheap, let me know.

If anyone knows of a more appropriate email list let me know too.

Thanks,
Greg Prior   gap@Comtech.com
Comtech Labs, Inc.   Palo Alto, CA

From owner-qrp-l@netcom.com Thu Feb 2 01:09:19 1995
Message-Id: <2f2e8594.pandora@pandora.uucp>
Date: Wed, 01 Feb 1995 02:46:43 +0800
From: "W. Daniel, 9V1ZV" <pandora!daniel@csar.csah.com>
Subject: Is VE7NH here?

Hi Gang,

        Sorry to ask but is VE7NH on this list? I worked him on air just now
and thot the call sounded awfully familiar.

73 de 9V1ZV Daniel
--
+-------------+--------------------------------------+
Daniel Wee	daniel%pandora@csah.com
9V1ZV	daniel.wee@f516.n600.z6.fidonet.org
UUCP1.12j	Packet: 9V1ZV @ 9V1VS.SGP.AS --
+-------------+--------------------------------------+

From owner-qrp-l@netcom.com Thu Feb 2 00:34:43 1995
From: "RICHARD HIEBER" <SZ0026@daphne.rrze.uni-erlangen.de>
Date: Wed, 1 Feb 1995 13:07:06 MET
Subject: Lightbulb anecdotes (relayed)
Message-Id: <2AF2A00BA@daphne.rrze.uni-erlangen.de>

Hi gang,

I am currently subscribed to the HAM-TECH mailing list, also on
netcom.com. The following mail exchange might be interesting for
QRP-L, too, in spite of the ridiculously high amounts of power
involved :^)

Richard, DL8MFQ/AA8CP
sz0026@daphne.rrze.uni-erlangen.de

Date: Tue, 31 Jan 1995 16:08:07 +0700 (GMT)
>From: Bruce Strong <hs0zbo@sura1.sut.ac.th>
To: Mills <ajm002@chief.morningside.edu>
Subject: Re: J-poles

On Mon, 30 Jan 1995, Mills wrote:

> I was wondering if anybody could help me with one pretty simple question.
> Status: O
> X-Status:
>
> I hav made a j-pole out of 1/2" hard copper pipe. But, I only made the long
> mast 37 1/2" long. Will it still work ok or does it have to be the full 54"?
>
> Any input would be greatly appreciated.
>
> Thanks
> Andy Mills
> KB0OSX
> ajm002@chief.morningside.edu
>
I know this will sound over simplified and like I'm making fun, but
I'm not.
  so, my suggestion is: try it and let us know.

I am now in Thailand, but when I was on Guam, (AH2AK), I once used
a 100 watt light bulb, indoors, at floor level (6 inch mount in a
room sunken 6 inches) and made a contact with Japan, about 1500
miles away. I received on a 3 element beam, but used the light
bulb for the transmitter.

so, my answer is: try it and see.
bruce

Date: Tue, 31 Jan 1995 9:49:43 -0600 (CST)
>From: "Jack GF Hill - Sysop [HOME]" <root@jackatak.theporch.com>
To: ham-tech@netcom.com
Subject: Re: J-poles

[...]

> I am now in Thailand, but when I was on Guam, (AH2AK), I once used
> a 100 watt light bulb, indoors, at floor level (6 inch mount in a
> room sunken 6 inches) and made a contact with Japan, about 1500
> miles away. I received on a 3 element beam, but used the light
> bulb for the transmitter.
Interesting anecdote, but, I seriously doubt that your contact was on
146MHz, the frequency of apparent interest to Mr. Mills...

That out of the way, let's examine, briefly, the anecdotal evidence of
long haul contacts using normally inefficient or unworkable antenna
solutions. The operative phrase to consider in *ALL* such stories is the
"I *once* used..." (emphasis mine)

Keep in mind that once the RF leaks out of your transmitter, whether it
leaks into a highly efficient antenna array, or into a dummy load, it
wants to find a receiver somewhere! This phenomena was not well
understood when I was a frustrated novice, but as I have been in hte
hobby longer, I am more and more aware of this. ;^) (I am not so sure of
it as to give it my name, however! ;^)

At any rate: I have worked, *ONCE* a station in Nova Scotia from Central
Maine using a 100 watt light bulb on 75 meters. With a prodigious tuner
and a short length of wire, I worked the Georgia Single Sideband Net
using a plain Slotted Screwdriver with a 7 inch shaft clamped in a vice.
Again, *ONCE*...

I think these are abberations, and not the norm. For someone to depend
upon such a configuration is to overlook the concept of irreproducable
results! ;^)

So, operate on. Enjoy the hobby, and don't swallow all the *one time I*
stories you hear...

As for the J-Pole: if it works, please stop worrying and enjoy it. Many
times the theory that says a dimension must be x is for "free space" and
can not account for the reactive effects of nearby objects, ground
quality, soil conductivity, location of true RF ground, and so on... It
takes *understanding* of the theory to recognize how and why a one-shot
anomolous event happens, and why it might not be reproducable, save at
the same time in the same place.

And that's my $0.02   ;^)
--
73
Jack, W4PPT/M (75M SSB 2-letter WAS #1657/#1789 -- both from the mobile! ;^)
 Jack GF Hill |Voice: (615) 459-2636| Ham Call: W4PPT
 P. O. Box 1685 |Modem: (615) 377-5980| Bicycling and SCUBA Diving
 Brentwood, TN 37024|Fax: (615) 459-0038| Life Member - ARRL

root@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

From owner-qrp-l@netcom.com Wed Feb 1 11:38:37 1995
Date: Wed, 1 Feb 95 08:47:52 MST
Message-Id: <9502011547.AA25912@rgfn.epcc.Edu>
From: ab253@rgfn.epcc.Edu (Andrew Hair)
Subject: Missed Fox as Well!

To all,

I listened for the fox on Monday night and flopped as well. I recently moved and put up a new dipole, but as luck would have it for this week, the Fox, in Colorado, was off one end of my new wire contraption. I guess that had something to do with it. I tried calling him on 7.110 and 7.040 but with little luck. I did receive a reply on 7.040 near the end of the chase from someone, but whoever it was only got my call out before a QRO station buried him! For my efforts, I was able to have QSO's with NR0J, NN9K and KU7V--lots of fun there! I also heard N8VAR and N6UHU (hope I got that one right).

My efforts were cut short due to an incredible "honey-do" list that was linguering from the week end. Moving is a bear! One good note, however, I was crawling around in the attic of my new house when I discovered a long package wrapped in plastic. To my surprise, the contents were two high quality shotguns in great condition. An appraisal of the fire sticks shows that their combined value is somewhere in the neighborhood of $1,000. More amazing than that is the fact my wife said I could spend about $600 of it for whatever I want! Hummmmm, there could be a QRP+ in my future if I can move the guns. Needless to say, I am interested in cooresponding with QRP+ owners about their experiences with the little rig.

That's all for now. I will look forward to next week's hunt.

72's es 73's

Andrew Hair, AB5WB

--

From owner-qrp-l@netcom.com Thu Feb 2 01:54:00 1995

Date: Wed, 1 Feb 1995 08:03:00 -0500
From: Robert Penneys <penneys@brahms.udel.edu>
Message-Id: <199502011303.IAA24892@brahms.udel.edu>
Subject: Portable 20/40 antenna?

I have the MFJ 40 and 20 meter xcvrs, and their folded dipole for 20.

I want a portable antenna for 40 and 20 that I can put up in the woods
or on the beach. Also, we may be taking a long train ride and I wonder if
a whip a la Hustler will work without a ground plane.

Any ideas? Tnx Bob

Bob Penneys, WN3K Frankford Radio Club N.E.R.D.S.
Internet: penneys@brahms.udel.edu Work: Ham Radio Outlet, Delaware

From owner-qrp-l@netcom.com Wed Feb 1 11:28:12 1995
From: "Warren E. Lewis" <saswel@unx.sas.com>
Message-Id: <199502011542.AA28263@cardamom.unx.sas.com>
Subject: Portable Stations and Solar Panel Advice
Date: Wed, 1 Feb 1995 10:42:10 -0500 (EST)

Hey Gang!

I have been thinking about finally creating a portable station
for remote operation (be it camping, hoteling(sic), or sailing).

I would like to solicit the advice of the QRP experts here on
Solar Panels. Any usage notes or stories, hints, kinks, and/or
sources for quality panels would be appreciated!

Also all you folks that already have portable setups, let us know
what you use for rig, power, antenna, key/keyer, and anything else
that makes your portable operations enjoyable or unique. Has anybody
done anything with wind, water, or human power on the list? How about
cycling...didn't we have someone that took a NORCAL Sierra bicycle
mobile?

   cheers - Warren

--
Warren E. Lewis saswel@unx.sas.com
Technical Support Division (919) 677-8001 x6542
SAS Institute Inc. PP-ASEL
Cary, NC AD4ZE DOD#0021

From owner-qrp-l@netcom.com Thu Feb 2 00:34:54 1995
From: "RICHARD HIEBER" <SZ0026@daphne.rrze.uni-erlangen.de>
Date: Wed, 1 Feb 1995 13:30:48 MET
Subject: RE: QRP Internet directory
Message-Id: <3147659F9@daphne.rrze.uni-erlangen.de>

> From: rossi@VFL.Paramax.COM
> Date: Fri, 27 Jan 95 09:52:55 EST
> Subject: Is there a QRP Internet directory?
>
> Is there a cross-reference list of QRP callsigns and their corresponding
> Internet e-mail addresses?
>
> If you hear a call on the air and would like to send the person
> e-mail, it would be nice to be able to look up their e-mail address.
>
> Does such a list exist?   If not, then we should start one.
>
>   WA3NNA   Pete Rossi   rossi@vfl.paramax.com

Pete,

it's not exactly what you are looking for, but there is a QRP
activists directory in <ftp.think.com> under /pub/radio/ham/qrp. It
lists people with name, callsign, equipment, comments and it includes
an email address if available. I don't know who compiled it and it
might be a bit old.

72 es 73 de Richard, DL8MFQ/AA8CP
sz0026@daphne.rrze.uni-erlangen.de

From owner-qrp-l@netcom.com Wed Feb 1 13:39:52 1995
Date: Wed, 1 Feb 1995 09:22:06 -0800 (PST)
From: John Dundas <ab6dg@netcom.com>
Subject: re QRP+
Message-Id: <Pine.3.89.9502010955.A18917-0100000@netcom15>

On Wed, 1 Feb 1995, Andrew Hair wrote:
(in part)

> More amazing than that is the fact my wife said I could spend about $600
> of it for whatever I want! Hummmmm, there could be a QRP+ in my future
> if I can move the guns. Needless to say, I am interested in cooresponding
> with QRP+ owners about their experiences with the little rig.

>
> That's all for now. I will look forward to next week's hunt.
>
> 72's es 73's
>
> Andrew Hair, AB5WB
>
> --
>
>
>
>
>
I'm a brand new owner (2 days) and love it. But note: I ordered mine
Nov. 7, received it Jan. 30. And based on serial numbers of mine, and
W6ZH, who ordered his a week or two earlier, Bruce is shipping out about
1 a week!

72/3 de John AB6DG

From owner-qrp-l@netcom.com Wed Feb 1 15:31:26 1995
Date: Wed, 1 Feb 1995 11:33:30 -0800
From: dgf@netcom.com (David Feldman)
Message-Id: <199502011933.LAA07368@netcom15.netcom.com>
Subject: Re: re QRP+

>On Wed, 1 Feb 1995, Andrew Hair wrote:
>(in part)
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>Nov. 7, received it Jan. 30. And based on serial numbers of mine, and
>W6ZH, who ordered his a week or two earlier, Bruce is shipping out about
>1 a week!

Bruce just told me mine was shipped 1/31/95, after ordering on 11/15/94 and
getting a 12/05/94 ship commitment orginally. I called him for follow-up
each 2 weeks during the slippage. I'm sure looking forward to it, but
unfortunately the "void" had to be filled by several other QRP rig
purchases in the meantime... If only Imelda Marcos was into QRP rigs
rather than shoes...

73 Dave WB0GAZ dgf@netcom.com

From owner-qrp-l@netcom.com Wed Feb 1 22:10:08 1995
Message-Id: <199502011827.MAA18960@ns1.arlut.utexas.edu>
Date: 1 Feb 1995 12:25:42 U
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>
Subject: RE: REAL FOX HUNT

Joe,
The local FCC office really is not where you should write. I would write FCC Washington; but better yet, do write ARRL HQ, and your ARRL Directors, and to the Appliance Manufacturers Assoc. One novel tactic might be to complain to Underwriters Labs, since they are looking after safety testing, why don't they test for possible harmful electromagnetic radiation from electrical equipment? Of course, they work for the manufacturers; but they might be inclined to expand their overview of safety.

The bottom line is to complain to your Congressmen and Senators. They did not pass the kind of RFI legislation that Goldwater proposed some years ago that would have prohibited incidental RF radiation. The FCC is near powerless, being undermanned, and underfunded. Only if we can get the Health and Safety people to carry the torch will something be done, but we must be careful they do not ban RF from ham radio in the process! It is kind of catch-22! If this stuff got into high fi and TV, we might see the electronics manufacturers association lean on their electrical brothers. Some good ham inventor out there, invent some non Silicon switch dimming circuit!

To: qrp-l@netcom.com
>From: Joe Gervais on Tue, Jan 31, 1995 23:12
Subject: Re: REAL FOX HUNT
RFC Header:Received: by msmailgw1.arlut.utexas.edu with SMTP;31 Jan 1995 23:12:24 U
Received: from mail2.netcom.com (root@mail2.netcom.com [192.100.81.122]) by ns1.arlut.utexas.edu (8.6.9/8.6.9) with ESMTP id XAA09006 for <rohre@arlut.utexas.edu>; Tue, 31 Jan 1995 23:11:53 -0600
Received: by mail2.netcom.com (8.6.9/Netcom)
     id JAA06360; Tue, 31 Jan 1995 09:10:55 -0800
Received: from weber.ucsd.edu by mail2.netcom.com (8.6.9/Netcom)
     id JAA06253; Tue, 31 Jan 1995 09:10:28 -0800
Received: (from jgervais@localhost) on ttys1 by weber.ucsd.edu (8.6.9/8.6.9) id JAA28071 for qrp-l@netcom.com; Tue, 31 Jan 1995 09:09:55 -0800
Date: Tue, 31 Jan 1995 09:09:55 -0800
>From: Joe Gervais <jgervais@weber.ucsd.edu>
Message-Id: <199501311709.JAA28071@weber.ucsd.edu>
To: qrp-l@netcom.com
Subject: Re: REAL FOX HUNT
Sender: owner-qrp-l@netcom.com
Precedence: list

Hi All,

> (Cameron's horror story about the Touch Lamps from Hell deleted)

I figure my question is QRP related since many of us

are limited in frequency range, filtering, etc.

What the HECK is the FCC doing to us with these touch
lamps? Are these obnoxious little RF beacons actually
in compliance with FCC spec? If not, how is it that
they are so widespread?

Just wanted to get some extra input before I write my
ARRL section manager and a local FCC rep. Thanks.

7.3 de KD6PRD,

-Joe

From owner-qrp-l@netcom.com Thu Feb 2 00:24:49 1995
Subject: REAL FOX HUNT
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.9242.500@acenet.com>
Date: Wed, 01 Feb 1995 06:50:00 -0500

>From: brian.carling@acenet.com

Cameron, KT3A writes:

C=>After operating portable during the pleasant fall season, I thought I would
C=>operate from the home QTH using my NorCal 40. Maybe, I'll even chase the
C=>Internet Fox! But, there it was. The most undesirable signal I have ever
C=>heard. A raspy, loud, screaming buzz! It was about 25 kHz wide and started
C=>at about 7.030 kHz.

Wow - what a tale of woe! I thought you were going to tell us it was
those ANNOYING digi signals like I keep hearing all over 14.060 MHz
Thanks to these lids, it is now almost impossible to QRP above about
14058 any more!

Glad you got it resolved. Yes, it's easy to burn solid state rigs
with mobile antennas - I once did the same running an Atlas 210X into
a mobile whip in a contest on 75 meter SSB and CW!
It couldn't take the heat and the reactive load I suppose. But it only
blew ONE of the two finals! So I became a QRP station instantly!
Dropped it to about 20 watts!

72 de Brian, AF4K in Gaithersburg, MD

 ~ SLMR 2.1a ~ What do you mean? You actually READ these taglines?!?

From owner-qrp-l@netcom.com Wed Feb 1 09:33:21 1995
Message-Id: <199502011323.FAA28620@netcom.netcom.com>
Date: Wed, 1 Feb 95 08:03:52 EST
From: C=BAILEY%IS%211EIS@PAMDT.ANG.AF.MIL
Subject: re: Receiver for General Use

If I were to buy a radio similiar to the mentioned,(I've not used the DX-390), I would make sure that you have good IF filtering for CW use. Sure, you can copy CW. But, you may have to copy 5 stations at the same time if the filter is not narrow enough. I used a SSB width (2.4kHz)in one of my former HF rigs for years. When I got another rig, I put in a 500 Hz filter. I now enjoy CW because I can now copy one station at a time. With all the stations (CW and digital) sharing the bands, you'll need this important capability. 72 de KT3A.

From owner-qrp-l@netcom.com Wed Feb 1 11:38:20 1995
Message-Id: <9502011544.AA03652@us4rmc.pko.dec.com>
Date: Wed, 1 Feb 95 10:44:00 EST
From: "N1OOQ Tom R. @ MRO1 01-Feb-1995 1025" <randolph@est.enet.dec.com>
Subject: re: Receiver for General Use

Yah, I'm currently using a RatShack shortwave rcvr (DX440) as my QRP station rcvr. I built a simple op-amp audio bandpass filter out of the ARRL Handbook to help cut down QRM and noise. The "narrow" setting on these radios is for SSB, and is something like 2.5-3 KHz wide, so you hear a lot of stations at once, and the loudest station tends to grab the AGC and run with it. That means if you're in a QSO with a weak station, and someone fires up a KW signal anywhere in the "narrow" passband, the radio will back off the gain every time Mr. KW puts the key down. You can see how this would make further communications difficult.

The key is to listen around before you start a QSO. Big signals nearby are bad. Still, it's not that difficult... I'm up to 4 states and 2 countries with this radio and a 3W transmitter.

-Tom R.   N1OOQ   randolph@est.enet.dec.com

From owner-qrp-l@netcom.com Wed Feb 1 19:25:29 1995
Date: Wed, 1 Feb 1995 16:29:30 -0330
Message-Id: <199502011959.QAA01890@public.compusult.nf.ca>
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: Re: Receiver for General Use

Dan - I would not suggest buying the DX-390 for the main use as a ham receiver - I own one and it is not suitable for that purpose (but it does make a good FM radio ;-)

Your best bet is to try to find an "elmer" in your area (an elmer is a ham who is willing to give you a hand getting started in ham radio). To me your best bet is to try to find a good used ham receiver. Even though they are big and have tubes (make sure they are good tubes), the old Drake gear like the R4 receivers and Drake 2b are perfect starters. I don't know what a "Mosley" receiver is but you may want to go ahead and take a loan on it to get used to the features you want - sensitivity, selectivity, low drift etc. The DX-390 is NOT a performer in those areas.

Good luck, 73 Bob VO1DRB/WA6ERB

>I want an opinion....
>I am just starting out. I have a small QRP transmitter kit, and a Neophyte
>receiver kit that is built, but not aligned yet, so that's where I am
>starting from.
>I have seen several used Radio Shack DX-390's and now RS has it on sale for
>$169.95. Is this a good enough receiver for Ham use? It has an RF gain, BFO
>pitch, an AM wide/narrow switch. It has a "two-speed" tuning dial, I think it
>was 100 khz & 1 khz. I am not sure, and I am not knowledgeable enough to know
>the difference, (yet). This is on sale till 2/8, it is reguarly $220, so
>that's a pretty good cut.
>There is also a local ham with a Mosley receiver, (haven't seen it), who said
>I could borrow. Should I just borrow it and wait and see, or would the DX-390
>be good enough for a long time. I don't want to be a mega-buck ham, (not to
>mention I don't have the mega-bucks). The appeal of making my own stuff is
>what is drawing me in again, but I do need a receiver good enough to learn
>code from and to get me started. Opinions?
>Hey and if that doesn't get the discussions going, what about test equipment,
>(remember lo-buck here), I have an analog MM, and a cheap DMM, I making a
>test oscillator and marker generator, where do I go from there, (I have an
>SWR meter, too)? I'm thinking I need a freq. counter and a dip meter of some
>sort. In the Popular Electronics, Electronics Hobbyists Handbook, recent,
>there is a neat article on building a 50 mhz counter with a PIC16C54 in it,
>would cost $50 if you ordered all their stuff. They got a neat "Gate-Dip"
>meter in that issue as well. Now compare that with the frequency counter RS
>has for $99.95, it is good to 1300mhz!
>I would rather build the $50/50mhz one, but I don't want to be stupid, I
>could just wait and buy one later..do I make any sense?
>Help me out.
>Dan Reynolds, BCdlr@aol.com
>2580 Euel St.
>Decatur, IL 62521
>217/422-2783 home 217/422-2949 work [fax autoswitch]
>P.S. I haven't put up the folded dipole sloper yet, we got ice last weekend.
>

From owner-qrp-l@netcom.com Thu Feb 2 00:07:17 1995
Date: Wed, 1 Feb 1995 16:29:30 -0330
Message-Id: <199502011959.QAA01890@public.compusult.nf.ca>
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
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>Dan Reynolds, BCdlr@aol.com
>2580 Euel St.
>Decatur, IL 62521
>217/422-2783 home 217/422-2949 work [fax autoswitch]
>P.S. I haven't put up the folded dipole sloper yet, we got ice last weekend.
>

From owner-qrp-l@netcom.com Thu Feb 2 01:15:01 1995
From: Johnson_Dan@AAC.COM
Message-Id: <9502010643.22618.AA@smrouter.AAC.COM>
Date: Tue, 31 Jan 95 22:38:00 PST
Subject: Re[2]: Donations (voluntary) to Cover the Costs

On 1/31/95 10:07 PM lyndon@canada.unbc.edu wrote:

> Has anyone considered moving the mailing list to a site that doesn't charge?

I've not subscribed long, but my understanding is that a "free" site hosted BA in the not too distant past, and subscribers got the level of service appropriate for its cost. I'll leave it to more qualified others to relate the history. Perhaps you weren't aware of this or misunderstand what's going on "behind the scenes" now.

It is clear to me that a small group of dedicated BAites is working very hard with a lot of precious "spare" time to maintain this list's presence, quality, and reliability in the face of adverse circumstances over which they have little control. Aside from substantial daily (hourly?) attention, maintaining a secondary "hot site" host, as they do, goes way beyond reasonable expectations. Not only that, but Dr. Porch and, to a lesser extent, others have contributed, and continue to contribute, substantial dollars to keep it going. It is rare that everyone who is involved in maintaining a reflector is personally dedicated to its content.

The point of the request for voluntary contributions seems to be that those of us who value BA are invited to help ensure its long life by volunteering to assume part of the financial burden. The request and our positive response seem entirely appropriate.

If, by principles or economic constraints, you cannot contribute, I don't think anyone is going treat you any differently than if you do. It's really a matter between you and your conscience, whether you feel the need to help reduce the risk of not having it someday by helping to defray its costs.

BTW, I'm not in any way affiliated with list management and post this without solicitation (or permission :-) from anyone. I'm just verrry satisfied with BA's participants, content, and style and have been since -

December 1994(!). Happy to be here, hope to stay.

73 de KC4EWT (VA)
Johnson_Dan@aac.com

From owner-qrp-l@netcom.com Thu Feb 2 00:08:51 1995
From: Johnson_Dan@AAC.COM
Message-Id: <9502020137.22618.AA@smrouter.AAC.COM>
Date: Wed, 1 Feb 95 17:23:00 PST
Subject: Re[3]: Donations (voluntary) to Cover the Costs

<as I peek into the digital void, face aglow with embarassment> I accidentally copied QRP-L on a not insubstantial post intended for the *Boatanchors* reflector. Please, a thousand pardons...

Baa, baa,
KC4EWT

From owner-qrp-l@netcom.com Wed Feb 1 22:10:10 1995
From: RobCap@aol.com
Date: Wed, 1 Feb 1995 09:34:51 -0500
Message-Id: <950201092745_10030938@aol.com>
Subject: Sierra

Thanks to everyone who wrote to me and advised me to snap up the Sierra. The *unanimous* consensus was that a) the rig is a masterpiece, b) that any mods will be minor, c) that as a matter of fact the next production run hasn't really been officially scheduled yet, so d) don't be an idiot and let it slip away because I'd regret it.

I was fortunate to have the opportunity to purchase the unit, which arrived Monday. I have already commenced construction, but want to take my time with this kit. It is a masterpiece that deserves to be built carefully.

72,

Rob, WA3ULH

From owner-qrp-l@netcom.com Thu Feb 2 00:29:49 1995
From: "RICHARD HIEBER" <SZ0026@daphne.rrze.uni-erlangen.de>
Date: Wed, 1 Feb 1995 13:43:16 MET
Subject: Some QRP catchphrases
Message-Id: <3493D09F4@daphne.rrze.uni-erlangen.de>

Hi gang,

here's a short collection of QRP or QRO related slogans. Not all of them are catchy and some of them are claimed possession by certain

people here on the list :-)

Enjoy! Feedback appreciated.

Richard Hieber, DL8MFQ/AA8CP
sz0026@daphne.rrze.uni-erlangen.de

- REAL Hams do it with minimum power required as directed by law.
- QRP or die!
- RF burns are nature's way of saying: "Go QRP!"
- Just say NO to QRO!
- Power is no substitute for skill! (Motto of QRP ARCI)
- Life is too short for QRP!
- QRP = Wits NOT Watts!
- QRO is for sissies!
- QRP is not for sissies!
- The world is too busy for linears!
- I'm in a QRP state of mind!
- Life is too short for 800$ finals.
- "It is vain to do with more,
  what can be done with less."
  William of Occam (1290-1350)
- QRPers operate legally - Use only the power needed.
- LESS IS MORE!
- Real QRPers don't use beam antennas ...
- QRP doesn't mean low efficiency it means "low power".
- Masochist^H^H^H^H^HQRP-er :)
- Homebrew QRP: High adventure at low cost.
- Queue our pea!
- QRP is not dead, it just doesn't make as much noise.
- If RST > 519
  Then cut_power;
- "Life's too short with QRO!"
- QRT is the sincerest form of QRP
- Antennas are the key - BUT an ALPHA sure doesn't hurt!
- QRP - It's a state of mind, not just a power level.

From owner-qrp-l@netcom.com Thu Feb 2 00:12:56 1995
Subject: SSB Fox hunt. Correction.
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.9241.500@acenet.com>
Date: Wed, 01 Feb 1995 06:50:00 -0500

>From: brian.carling@acenet.com

DR>Boy was out of it. I didn't even put a date! I will on Tuesday evening and
DR>all times are est. For those who like zulu, its Wednesday Feb.1 starting at
DR>0200z. Remember thats Tuesday evening for us folks in America or there
DR>bouts.

DR>Hope to work you.

DR>72

DR> Ron Doyle, N8VAR

WHAT! Sheesh! You mean I spent hours looking for you last night
and you weren't even ON!?
This is nuts! It was sent out as 0200 UTC on JANUARY 31st Ron!!!!!

72 & 73 de AF4K/3 in Maryland. Hope to find you THIS evening!!

brian.carling@acenet.com

 ~ SLMR 2.1a ~ What do you mean? You actually READ these taglines?!?

From owner-qrp-l@netcom.com Thu Feb 2 00:23:04 1995
Message-Id: <MAILQUEUE-101.950201073649.256@rics1.cba.uh.edu>
From: "Dave Jenkins" <DJENKINS@rics1.cba.uh.edu>
Date: 1 Feb 95 07:36:49 CST
Subject: SSB QEP fox hunt of 2/1

Having spent virtually all my young ham life (6 mos) on CW, it was
interesting to try my hand at SSB last night. In Kenney, Texas
(a *very* small town about 75 mi. from Houston) I was troubled from
the git-go by broadcast QRM, but managed to find the "hole" at about
7.227.

I did some calling for N8VAR and heard KC5EQC calling me,
as well as others calling N8VAR, but never heard the wily old
fox himself. I tried calling KC5EQC back but we never connected.
Question: if I hear *you* a little off-frequency, do I move, or do I
repeat my call and expect *you* to move? I think I did some
unnecessary shuffling around that caused the missed connection with
KC5EQC.

I did talk to KC2EL, whose QTH is near Buffalo, NY, at about 2:20.
Gave him a 5/5 (boy, that's a subjective call, isn't it?) and he gave
me a 4/4. He had a friend (AA2W??) trying to call me, but all I
copied was part of the callsign.

Only General class here, so did not follow the rest of you into the
Advanced portion of the band for latter portion of the hunt.

No great success here, but there's always next time...

From owner-qrp-l@netcom.com Wed Feb 1 23:31:36 1995
From: ab4el@cybernetics.net (Stephen Modena)
Message-Id: <9502020004.AA15370@cybernetics.net>
Subject: SSB QRP FOX was loud!
Date: Wed, 1 Feb 1995 19:04:26 -0500 (EST)

****
** IF THIS ENDS UP AS A DUPLICATE POST, SORRY!
** After 15 hours, my posting has not been reflected by netcom
****

Well, due to new job-new sleep schedule, I missed the first hour of
the SSB QRP Fox Hunt--the 40 M portion. Sorry.

Turned the radio on and tuned up on 80 M. And there he was: N8VAR.
02Feb95 03:14 UTC 3.786.5 MHz 59/s 48/r Ron OH 59+10db

Ron was busy...no pauses practically...and I heard these stations
working the fox:

03:15 KF8EE was 53 here (well, now I've actually heard you)
03:16 N2KPY was 22 ...Fox could not pull him out
03:21 VE3VAW 22->55 Brien 4 W with sudden bursts of sig strength
03:22 N2KPY 22 I think they finally made it this time

Then I tuned around a bit...

03:25 3.785 MHz S51OI 55/s 55/r I'm thinking this guy is in
                        Slovenia, but I asked and
                        did he really say Mexico?
     Does anyone definitely know where S51OI is? I've heard him before.
     And *yes* I was still running 4 watts. :^)

Back to listening to Ron's Adventure...

03:26 VE3VAW 57 Brien comments that he switched to the "Argo...

well, you were *much* louder, much.

03:28 WV1C 55 Tom in CT, but is this guy QRP? Never heard him say so.

Thought a heard an "AL7?" in there...was that AL7S whom I've heard
down near 7.040 from OR?

Then after Ron (The I-net Fox) QSYed, I worked:
03:30 NU8N 55/s 5(7/8)/r Jim running 5 W NW of Detroit

Looked around for the Fox in the next segment...Century Club on
3.903.5 is *loud* tonight, one station after another. QRPers are
welcome on that WAS net...you should give it a try, Folks.

03:38 3.907 MHz N8VAR 50+10/s 55/r

NU8N tries, but is too close (yes, MI and OH are too close on 75 M.).

AD4ZE Warren just over in Cary, NC works the Fox...he's 55 here.
I pop in with N8VAR several times during the half hour. I'm watching
the s-meter and by the end of the Fox Hunt, his signal has crept up
to a *steady* S9+20db...

After I comfirm that the Fox has put the session in the books, I
answer a call from NU8N...we talk a bit and both of us go to
QRO. Does he ever come up...S9+30db...excellent proof that he was
indeed running QRP...because he was sounding 55 to 57 a moment
before. He should explain to the list how he knocks his Yaesu
down from 10 watts to a real 5 watts. :^)

For the fun of it, I asked whether Warren is still listening...and
he is: he's 44 here, and he and NU8U make an exchange...Warren is
doing so well he doesn't both cranking up his TS-450-S to qrp. :^)

An excellent Fox Hunt from my listening perch!
Last week, the SSB QRP Fox romped on 75 M, as Ron did tonight.

Come on, is S51OI in Mexico or Slovenia? (Oh, yes, I've worked
Yugoslavia running QRP in the 75 M DX window before...but I
never get tired of doing that sort of thing. :^)

--
73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-l@netcom.com Thu Feb 2 00:45:18 1995
From: ab4el@cybernetics.net (Stephen Modena)
Message-Id: <9502010630.AA00213@cybernetics.net>

Subject: SSB QRP FOX was loud!
Date: Wed, 1 Feb 1995 01:30:00 -0500 (EST)

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     And *yes* I was still running 4 watts. :^)

Back to listening to Ron's Adventure...

03:26 VE3VAW 57 Brien comments that he switched to the "Argo...
           well, you were *much* louder, much.

03:28 WV1C 55 Tom in CT, but is this guy QRP? Never heard him say so.

Thought a heard an "AL7?" in there...was that AL7S whom I've heard
down near 7.040 from OR?

Then after Ron (The I-net Fox) QSYed, I worked:
03:30 NU8N 55/s 5(7/8)/r Jim running 5 W NW of Detroit

Looked around for the Fox in the next segment...Century Club on
3.903.5 is *loud* tonight, one station after another. QRPers are
welcome on that WAS net...you should give it a try, Folks.

03:38 3.907 MHz N8VAR 50+10/s 55/r

NU8N tries, but is too close (yes, MI and OH are too close on 75 M.).

AD4ZE Warren just over in Cary, NC works the Fox...he's 55 here.
I pop in with N8VAR several times during the half hour. I'm watching

the s-meter and by the end of the Fox Hunt, his signal has crept up
to a *steady* S9+20db...

After I comfirm that the Fox has put the session in the books, I
answer a call from NU8N...we talk a bit and both of us go to
QRO. Does he ever come up...S9+30db...excellent proof that he was
indeed running QRP...because he was sounding 55 to 57 a moment
before. He should explain to the list how he knocks his Yaesu
down from 10 watts to a real 5 watts. :^)

For the fun of it, I asked whether Warren is still listening...and
he is: he's 44 here, and he and NU8U make an exchange...Warren is
doing so well he doesn't both cranking up his TS-450-S to qrp. :^)

An excellent Fox Hunt from my listening perch!
Last week, the SSB QRP Fox romped on 75 M, as Ron did tonight.

Come on, is S51OI in Mexico or Slovenia? (Oh, yes, I've worked
Yugoslavia running QRP in the 75 M DX window before...but I
never get tired of doing that sort of thing. :^)

--
73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-l@netcom.com Wed Feb 1 12:30:06 1995
Date: Wed, 1 Feb 1995 07:57:54 -0500
Message-Id: <199502011257.HAA05325@detroit.freenet.org>
From: ad678@detroit.freenet.org (Jim Kortge)
Subject: The FOX

Gang....I finally heard the FOX. I finally WORKED the fox!!

Ron did a great job being the fox; I heard many stations on
75, but nothing on 40. Here's my rundown....

N8VAR 5x9   @ 0310Z (my sig 5x5)
WA4NID 5x7 heard
W1IFL 5x7 heard
W3PM   5x9+10 heard
KC1FB 5x7 heard
AD4ZE 5x8 heard
KA8FA 5x9 nice signal Eric
AB4EL 5x9 heard, 5x7 @0330 when I worked Steve
KF8EE 5x6 heard
N2KPY 3x1 heard (he worked really hard to qso the FOX)
WD8AAU 5x8 heard

WV1C   5x9+20 heard (don't think he was qrp!!)

Also worked AD4ZE after the fray. Nice signal into the Detroit
area Warren.

That's my log. Be looking for everyone next week!!

72/73......de Jim

--
Jim Kortge, NU8N | Bicycle Mobile Hams
ad678@detroit.freenet.org | __ o   of America
Fenton, MI |_`\<,   Mizuho 17m/40m QRP SSB
                  .... ( )/( ) . .   .   .

From owner-qrp-l@netcom.com Thu Feb 2 00:40:11 1995
Date: Wed, 1 Feb 95 07:31:40 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9502011331.AA09260@chuck.dallas.sgi.com>
Subject: Why I love 40M

Gang,

I know that a lot of you are under the impression that
all I do is play. That is so far from the truth it hurts.
:-) I do "some" posting to this group, but that's 'cuz my
advice is always free and always worth what you pay for it.
:-)

I tried for the CW Fox the last two weeks, but haven't had
any luck. Worked NA5K/m/qrp on monday night, but that's it
for the internet crowd. Posting of results sometime today.

Anyway, when I'm teaching I have to stand on my big feet all
day for about 8 hours and you can't relax your mind at all
with the advanced courses I teach and the questions I get.
So I'm pretty much wiped out at the end of the day and you
all know about that and been there.

Yesterday, I was up at 6am and into the office early, on my
feet all day, and had to run over the Arlington TX after
work for 6pm diner and then back to the house around 8pm.
So, off to bed early as there is no way I have any energy
left.

POP! Eyes wide awake at 3:30am!! Hey, that's over 6 hrs

guess that's enough. So up and into the shack and the OHR Explorer is sitting there all ready to go, so power it up. Here a few signals, so what the hey. N0 (N-zero) calling CQ so give him a holler at 0932Z. He can't copy me so I move off.

I hear an extremely loud signal around 7.030, and it's a W1 who sounds like he is in the back yard with a KW!! Work my way back up the band.

Ah ha. VP2EWW calling CQ, call him. Got him. In the logbook and I got his QSL manager. New country, Anguilla.

He said something about moving to the "big island" on the 14th-21st. Guess he must planning x-pedition or something.

Tuning the low end of the band; I get down there about 3 or 4 times a year. I like hanging around 7.040MHz too much.

At 7.016MHz I hear KH6XT calling CQ. Give him a holler and it comes back!! New state at 0.95W and new continent in the same fell swoop. 2,575 miles/watt. You know what this means don't you? I'm almost to the 50 state limit on 40M with 0.95W this winter. The Sierra, NN1G, and OHR Explorer have all done well with the 70-90' LW up 30 ft in the trees. Going to go for KL7 in the next 10 days. Guess we don't have anyone on the list in KL7 land that I remember. No internet in the cold. :-) Didn't do as well as Stan, N6ULU, this season for DX, just stateside.

Listening around I hear LU4, HI7, JA7, and more DX, but they are weak and I don't even try. The band is fading so turn off the rig.

I could have done all the above with the Sierra or NN1G, the rig is not that critical, except you do need the best receiver you can get. You keep hearing guys/girls talking about the rare DX they work with low power. It's the other operators receiver and good ears that make it work. Go after the DX stations if you can, 'cuz they can pull you out when others would just give up on you.

For future designs and designers. Work on the receiver. To heck with the 15-20mA current goals. I'd rather have a receiver with 35-60mA drain that I can hear with than one that is on the low side. The most sensitive receiver I have is the MXM dual conversion receiver. Working on

the review as soon as I can get around to the 30M version
to compare with the others.

I've been on 40M since 1957, and I truly love the band. It's
almost always open 24hrs a day. During the day short skip
and at night it lengthens out to tremendous distances. It
will be open when the sunspots are high or low in count. Although,
sometimes during the daylight hours absortion will be high and
you can't work or hear anything with any amount of power.

So, for the newbies without 40M privileges, you really need
to work on the code speeds and come on down. The water is just fine.

HOMEWORK: At 20wpm what is the bandwidth of a CW transmitter with
           2.5mS rise time?
           At 1W output, what is the power density in W/Hz?
           How much power required for a 1.5KHz wide SSB transmitter
           to get the same power density? (I know all the power
           spectra ramifications required to do this, but hey, it's
           an exercise, doesn't have to be practical :-)). It is
           get you think about why it's more difficult to communicate
           the longer distances under adverse conditions using SSB
           and some digital modes.

Chuck Adams K5FO CP-60 adams@sgi.com